Bureau of Land Management



Amarillo Field Office Helium Operations

Statistical Report for February - 2001





Distribution:

Fluid Minerals Group Manager, Washington Office New Mexico State Director

Associate State Director

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Division Chiefs (3)

Team Leaders

- -Federal Leased Lands
- -Gas Analysis
- -Resources Evaluation
- -Natural Gas Engineering

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Amarillo, Texas

Issued: March 15, 2001

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Approved for distribution: Nelson R. Bullard /s/ Date: 03/15/2001

Table 1 - Summary of Helium Operations

February - 2001

In Kind Sales	NASA*	Navy*	Army*	Air Force*	DOE*	Other Fed*	Subtotal*	In Kind	Charges B	illed (\$)**
Total month	0	0	0	0	0	0	0	0		\$0
Total FYTD	38,411	152	0	8,408	3,851	9,150	59,972	59,044		\$2,922,678
Total CYTD	0	0	0	0	0	0	0	0		\$0
In Kind Transfers							Month	FYTD	CYTD	Cumulative
Transferred							58,014	109,269	58,014	591,261
Volume outstanding							1,189			

		Month		Month	FYTD	Month	FYTD	FYTD	CYTD	Cumulative
Purchased Helium	Helium-Gas Mixture	Helium Percent	Helium	Low Purity Helium		Below 50% Helium		Contained Helium		
Total purchased										32,176,145
Purchased helium produced / transferred			58,014					109,269	58,014	2,576,601
Balance of purchased helium in storage										29,599,544
Private Plant Activity										
Accepted in storage system	82,355	65.94%	54,305	651	5,214	(135)	(663)	279,752	108,530	6,186,338
Redelivered from storage system	n (267,176)	68.30%	(182,474)	0	0	21	134	(864,156)	(359,661)	(6,279,699)
Total apparent crude produced/	183,306	69.45%	127,301					660,941	239,521	NA
Total apparent crude refined^	(316,861)	69.67%	(220,747)					(1,063,864)	(421,556)	NA

	[Metered Ga			Transfe	erred Gas	s Stored Charges Bille			
	Helium			Не	elium	Helium	Dollars**				
Storage Contract Activity	Mor	ıth	FYTD	CYTD	Cumulative	Month	Cumulative	EOM	Month	FYTD	
Crude Acquired	82,287	54,170	279,089	108,233	23,565,073	109,250	23,415,739				
Crude Disposed	267,096	182,453	864,022	359,622	18,105,649	51,236	22,824,209				
Grade-A Rdlvrd	0	0	0	0	1,427,554	0	0				
Net/Balance	(184,809)	(128,283)	(584,933)	(251,389)	4,031,870	58,014	591,530	3,929,554	\$215,110	\$794,631	

Bush Dome Reservoir Operations	Mon	th	Fiscal Year		Since Start of Conservation Program		Since Field Discovery	
Conservation gases from all sources	Gross	Net	Gross	Net	Gross	Net	Gross	Net
In underground storage, beg. of period	46,561,902	33,595,160	47,205,898	34,063,522	490,620	490,620	0	0
Net Activity	(178,130)	(127,120)	(822,126)	(595,482)	45,893,152	32,977,420	46,383,772	33,468,040
Total in underground storage	46,383,772	33,468,040	46,383,772	33,468,040	46,383,772	33,468,040	46,383,772	33,468,040
Native Gas								
Total in place, beg. of period	208,962,355		208,993,854		265,724,755		318,727,000	
Net Activity	(9,928)							
Total in place, end of month	208,952,427							
Native Gas plus Conservation Gases								
Total gases in place, beg. of period	255,524,257		256,199,752		266,215,375		318,727,000	
Net Activity	(188,058)		(863,553)		(10,879,176)		(63,390,801)	
Total gases in place, end of month	255,336,199		255,336,199		255,336,199		255,336,199	
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Helium Resources Evaluation		Month		FYTD		l
Revenue Collected from Federal Lease Holds		\$290,954		\$1,247,062		
Helium Sample Collection Report	Submitted 0	Received	0	Analyzed	0	
Customer Comment Cards Mailed		Month	0	FYTD	36	

^{*} Volumes in Mcf at 14.7 psia & 70°F; all other volumes in 14.65 psia & 60°F

^{**}Rounded to nearest dollar

[^] Other sources of helium are accessed but data are not available

Table 5 - Pipeline & Cliffside Field Operations All Volumes in Mcf at 14.65 psia & $60^{\circ}F$

February - 2001

All Volumes in Mic	1	2	3	4	5	6	7	8
					Since S	tart of	Sin	ce
	Mo	nth	Fiscal	Year	Conservatio	n Program	Field Discovery	
	Gross	Net	Gross	Net	Gross	Net	Gross	Net
Conservation Pipeline								
Beginning of period inventory (1)	34,836	24,385	17,409	12,186	0	0		
Measured to pipeline (2)	265,682	181,519	1,274,295	875,806	103,166,682	73,852,824		
Measured from pipeline (3)	267,176	182,475	1,268,262	864,161	37,438,122	26,862,350		
Measured into Bush Dome (4)	0	0	0	0	64,353,584	46,235,012		
Calculated inventory (1+2-3-4)	33,342	23,429	23,442	23,831	1,374,976	755,462		
End of period inventory	38,342	26,839	38,342	26,839	38,342	26,839		
Line gain or (loss)	5,000	3,410	14,900	3,008	(1,336,634)	(728,623)		
Percent gain (loss) of total measured	0.938%	0.937%	0.586%	0.173%	-0.652%	-0.496%		
Bush Dome Reservoir Operation	ons							
Conservation gases from all sources								
In underground storage, beg. of period	46,561,902	33,595,160	47,205,898	34,063,522	490,620	490,620	0	(
Injected during period to date	0	0	0	0	64,353,855	46,234,973	64,961,755	46,842,87
Withdrawn during period to date	178,130	127,120	822,126	595,482	18,506,852	13,303,702	18,624,132	13,420,98
Helium from Exell-Soncy	0	0	0	0	46,149	46,149	46,149	46,14
Total in underground storage	46,383,772	33,468,040	46,383,772	33,468,040	46,383,772	33,468,040	46,383,772	33,468,04
Native Gas								
Total in place, beg. of period	208,962,355		208,993,854		265,724,755		318,727,000	
Recoverable in place, beg. of period	199,911,355		199,942,854		256,673,755		309,676,000	
Production during period to date	9,928		41,427		56,772,328		109,774,573	
Total in place, end of month	208,952,427		208,952,427		208,952,427		208,952,427	
Recoverable in place, end of month	199,901,427		199,901,427		199,901,427		199,901,427	
Native Gas plus Conservation Gases								
Total gases in place, beg. of period	255,524,257		256,199,752		266,215,375		318,727,000	
Total gases in place, end of month	255,336,199		255,336,199		255,336,199		255,336,199	
Change during period	(188,058)		(863,553)		(10,879,176)		(63,390,801)	
Ave. reservoir pressure, beg. of period	670.7		672.6		685.0		814.1	
Tuck Trigg Reservoir Operation	ns							
Native Gas								
Total in place, beg. of period	5,226,666		5,231,108				5,890,000	
Recoverable in place, beg. of period	4,556,666		4,561,108				5,220,000	
Production during period to date	4,645		9,087				667,979	
Total in place, end of month	5,222,021		5,222,021				5,222,021	
Recoverable in place, end of month	4,552,021		4,552,021				4,552,021	
Ave. reservoir pressure, beg. of period	486.3		486.7				548.0	
Natural Gas Sales		, L	Ш	ala	D	¢		
Natural Gas Sales Compressor Operation			Tota Month	ais FYTD	Rever Month	iue \$ FYTD	Cumulative 12/01/2000	
February - 2001 NGI Mainline Spot G	as Fuel Price	per/MMBTU	\$6.16					
Amount of Fuel used for the month		total MMBTU	2,971.74	4,878.36			4,878.36	
Natural Gas Purchased for Fuel		\$dollars	2,971.74	4,070.30	\$18,305.91	\$36,598.02	\$36,598.02	
Tuck Trigg Gas Produced		•		0	φ10,303.91 	და ს ,აყი.02	\$30,598.02	
Fuqua A-1 Gas Produced		(Mcf) (Mcf)	0 3,681	6,040			6,040	
#1 Compressor		hours run	1,054	1,054			1,054	